



SENIOR SYSTEMS SPECIALIST

Characteristics of Work

The positions in this job family are responsible for evaluating, installing, maintaining, testing, and modifying operating system software and supporting subsystems for large, multi-user, multi-agency platforms such as the ES9000 series running MVS/ESA or OS/390 operating systems. These positions may interact with other functional areas in Information Technology by providing training in the use of new or modified operating software programs and utilities.

The Senior Systems Specialist is the specialist level where incumbents have full and specialized knowledge about the MVS/ESA or OS/390 or other operating systems and platforms as defined in special qualifications. Incumbents in this role are usually subject matter experts and project leaders in areas such as, but not limited to, security, disaster recovery, and capacity planning. Incumbents at this level have primary accountability for the installation, maintenance and operating efficiency of the software. They work with a high degree of independence, and provide guidance for less experienced staff. Their work is characterized by the rapid application of technical knowledge to increase the efficiency and operation of the platforms supported.

Examples of Work

Examples of work performed in this classification include, but are not limited to, the following:

Installs, customizes, and maintains operating system software, including new releases of existing software.

Reviews and evaluates new or upgrade systems software packages and related hardware and makes recommendations based on established standards.

Analyzes operating problems to diagnose and correct problem area. Works with hardware and software vendors to diagnose and correct problems.

Provides technical assistance to operations and systems delivery staff in using the system software and provides training in using system software.

Evaluates operating efficiency and analyzes performance and tuning. Makes modifications to tuning parameters to improve performance or recommends modifications to application systems.

Develops and implements plans for major conversions (i.e. conversion to a new system security product).

Monitors resource utilization (i.e. disk usage), and makes or coordinates needed changes.

Performs related or similar duties as required or assigned.

Essential Functions

Additional essential functions may be identified and included by the hiring agency. The essential functions include, but are not limited to, the following:

1. Installs operating system software.

2. Provides help desk assistance to user agency's technical staff.
3. Monitors system resources and plans and implements needed changes.
4. Provides training in the use of system software.

Minimum Qualifications

These minimum qualifications have been agreed upon by Subject Matter Experts (SMEs) in this job class and are based upon a job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of the position. Any request to substitute related education or experience for minimum qualifications must be addressed to the State Personnel Board in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

Physical Requirements: These physical requirements are not exhaustive, and additional job related physical requirements may be added to these by individual agencies on an as needed basis. Corrective devices may be used to meet physical requirements. These are typical requirements; however, reasonable accommodations may be possible.

Light Work: May frequently walk or stand and/or frequently exert force equivalent to lifting up to approximately 10 pounds and/or occasionally exert force equivalent to lifting approximately 20 pounds.

Vision: Requires the ability to perceive the nature of objects by the eye.

Near Acuity: Clarity of vision at 20 inches or less.

Midrange: Clarity of vision at distances of more than 20 inches and less than 20 feet.

Accommodation: Ability to adjust focus.

Speaking/Hearing: Ability to give and receive information through speaking and listening skills.

Motor Coordination:

While performing the duties of this job, the incumbent is regularly required to sit; use hands to finger, handle or feel objects, tools or controls; and reach with hands and arms. The incumbent is frequently required to stand; and walk. The incumbent is occasionally required to climb or balance; and stoop, kneel, crouch, or bend.

Experience/Educational Requirements:

Education:

A Bachelor's Degree from an accredited four-year college or university in computer science, data processing, business information systems, or a related field;

AND

Experience:

Four (4) years of directly related experience.

OR

Education:

An Associate's Degree from an accredited two-year college in computer science, data processing, business information systems, or a related field;

AND

Experience:

Six (6) years of directly related experience.

OR

Education:

Graduation from a standard four-year high school or equivalent (GED);

AND

Experience:

Eight (8) years of directly related experience.

Substitution Statement:

Related education and directly related experience may be substituted on an equal basis.

Possession of an Institute for Certification of Computer Professionals (ICCP) certificate based on successful completion of an examination may be substituted for one (1) year of the required experience (certificate must be attached).

Interview Requirements

Any candidate who is called to an agency for an interview must notify the interviewing agency in writing of any reasonable accommodation needed prior to the date of the interview.